



# NITFS Compliance Registration



Product **Space Imaging IKONOS Block 1 Ground Station**  
employing CIP/CSC Software Version 4.0

Sponsor **Space Imaging LLC**

Developer **Boyletron Company**

Date: **20 Feb 2004**

Expiration: **19 Feb 2006**

Registration #: **127**

☒ Initial Registration  
☐ Supplemental/Update #  
☐ Derived from Reg. #

☒ System  
N-0105/98, §4.1.1

## NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

☐ Product  
N-0105/98, §4.1.2

☐ Component  
N-0105/98, §4.1.3

### Format

- NITF**  
☐ v2.1  
☒ v2.0  
☐ v1.1  
**NSIF**  
☐ v1.0

### Image Segment Types

- ☒ MONO  
☒ RGB  
☐ RGB/LUT  
☐ YCbCr  
☐ MULTI  
☐ NO DISPLY  
☐ POLAR

### Data Extension Segments

- ☐ TRE\_OVERFLOW  
☐ STREAMING\_FILE\_HEADER  
☐ Controlled Extensions \*\*  
☐ Registered Extensions \*\*

### Tagged Record Extensions

- ☒ - STDIDC  
☒ - USE00A  
☒ - RPC00B  
☒ - STREOB  
☒ - NBLOCA  
- PIAIMC

### Pixel Value Types

- ☐ Boolean  
☒ Integer  
☐ Signed Integer \*  
☐ IEEE Real \*  
☐ IEEE Complex \*

### Image Compression

- ☒ Not Compressed  
☒ JPEG Lossy, 8-bit  
☒ JPEG Lossy, 12-bit  
☐ JPEG Downsampling  
☐ JPEG Lossless  
☐ JPEG 2000  
☐ BC Level  
☐ Vector Quantization  
☐ Multispectral JPEG, Individual Band

☒ Fully implemented  
☐ Partially implemented  
☐ Not implemented

### Annotation Segment Types

- ☐ Bit Mapped \*\*  
☐ CGM, 2301  
☐ CGM, 2301A  
☐ Labels \*\*

### Text Segments

- ☒ TA  
☐ UT1  
☐ U8S  
☐ MTF

## Configurations Tested:

-SGI Origin 2000 and 350, IRIX 6.5 Processing Platforms  
Space Imaging CIP/CSC Software Version 4.0

EDWARD E. BOYLES II, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
the product for the intended use. Optional NITFS features may not be implemented.